Code	Practice	Component	Units	Unit Cost
314	Brush Management	Chemical, Spot	ac	$5.96
314	Brush Management	Chemical, Ground Applied, Heavy	ac	$6.23
314	Brush Management	Mechanical	ac	$4.22
315	Herbaceous Weed Control	Chemical, Ground Light	ac	$2.78
315	Herbaceous Weed Control	Chemical, Ground Heavy	ac	$5.62
315	Herbaceous Weed Control	Chemical, Ground Kudzu	ac	$15.44
319	On-Farm Secondary Containment Facility	Concrete Containment Wall	CuYd	$93.10
327	Conservation Cover	Monarch Species Mix	ac	$148.25
327	Conservation Cover	Native Species	ac	$18.81
327	Conservation Cover	Pollinator Species	ac	$104.89
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	ac	$1.09
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	ac	$2.89
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	ac	$2.03
333	Amending Soils with Gypsum Products	Gypsum less than 1 ton per acre	ac	$3.76
333	Amending Soils with Gypsum Products	Gypsum greater than 1 ton rate	ac	$6.36
338	Prescribed Burning	Forest Heavy	ac	$6.03
338	Prescribed Burning	Forest Light	ac	$4.22
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	ac	$8.46
340	Cover Crop	Cover Crop - Adaptive Management	Ea	$229.64
340	Cover Crop	Cover Crop - Multiple Species (Organic and Non-organic)	ac	$9.89
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	ac	$21.88
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	ac	$97.95
342	Critical Area Planting	Native and Introduced Vegetation - Moderate Grading	ac	$59.52
345	Residue and Tillage management, Reduced till	Residue and Tillage Management, Reduced Till	ac	$2.16
374	Farmstead Energy Improvement	Automatic Controller System	Ea	$151.33
374	Farmstead Energy Improvement	Ventilation, Exhaust	Ea	$119.99
374	Farmstead Energy Improvement	Air Cooling, Baffle Curtain	Ea	$44.70
374	Farmstead Energy Improvement	Air Cooling, Evaporative Cooling System	sq ft	$2.39

Code	Practice	Component	Units	Unit Cost
374	Farmstead Energy Improvement	Drying, Grain Dryer	Bu/Hr	$9.97
374	Farmstead Energy Improvement	Heating - Attic Heat Recovery vents	Ea	$15.70
374	Farmstead Energy Improvement	Heating (Building)	kBTU/Hr	$1.30
374	Farmstead Energy Improvement	Heating, Radiant Heater	kBTU/Hr	$1.28
374	Farmstead Energy Improvement	Motor Upgrade, up to 1 HP	HP	$60.81
374	Farmstead Energy Improvement	Motor Upgrade, 1 to 10 HP	HP	$18.47
374	Farmstead Energy Improvement	Motor Upgrade, greater than 100 HP	HP	$11.24
374	Farmstead Energy Improvement	Variable Speed Drive, greater than 5 HP	HP	$25.21
374	Farmstead Energy Improvement	Plate Cooler	Ea	$717.57
374	Farmstead Energy Improvement	Ventilation, HAF	Ea	$21.50
374	Farmstead Energy Improvement	Scroll Compressor	HP	$88.09
374	Farmstead Energy Improvement	Motor Upgrade, 10 to 100 HP	HP	$13.44
378	Pond	Excavated Pit	CuYd	$0.37
378	Pond	Embankment Pond without Pipe	CuYd	$0.42
378	Pond	Embankment Pond with Pipe	CuYd	$0.60
381	Silvopasture Establishment	Establish Introduced Grass	ac	$26.94
381	Silvopasture Establishment	Establish Native Grass	ac	$42.08
381	Silvopasture Establishment	Establish Trees	Ea	$0.02
382	Fence	Electric	ft	$0.15
382	Fence	Barbed/Smooth Wire	ft	$0.25
382	Fence	Woven Wire	ft	$0.31
386	Field Border	Field Border, Pollinator	ac	$100.74
386	Field Border	Field Border, Pollinator, Forgone Income	ac	$130.80
390	Riparian Herbaceous Cover	Native Warm Season Grass	ac	$28.88
390	Riparian Herbaceous Cover	Native Warm Season Grass w/ Forbs	ac	$46.21
391	Riparian Forest Buffer	Shrub Seedlings, Bare-root	Ea	$0.12
391	Riparian Forest Buffer	Pine Seedlings, Bare-root	Ea	$0.03
391	Riparian Forest Buffer	Hardwood Seedlings, Bare-root	Ea	$0.07
391	Riparian Forest Buffer	Hardwood with Row Crop Foregone Income	ac	$50.96
391	Riparian Forest Buffer	Hardwood with Pasture Foregone Income	ac	$33.64
393	Filter Strip	Filter Strip, Introduced species, Forgone Income	ac	$47.56

Code	Practice	Component	Units	Unit Cost
393	Filter Strip	Filter Strip, Native species	ac	$16.67
393	Filter Strip	Filter Strip, Introduced species	ac	$17.50
393	Filter Strip	Filter Strip, Native species, Forgone Income	ac	$49.01
394	Firebreak	Vegetated - Light Equipment	ft	$0.04
394	Firebreak	Bare Soil - Light Equipment	ft	$0.02
395	Stream Habitat Improvement and Management	Instream rock placement	ac	$1,428.66
395	Stream Habitat Improvement and Management	Rock and wood structures	ac	$3,266.62
395	Stream Habitat Improvement and Management	Instream wood placement	ac	$2,085.37
396	Aquatic Organism Passage	Blockage Removal	CuYd	$10.29
396	Aquatic Organism Passage	Concrete Box Culvert	Ea	$5,339.90
396	Aquatic Organism Passage	Nature-Like Fishway	ac	$9,853.10
396	Aquatic Organism Passage	Earthen Dam Removal	CuYd	$6.39
396	Aquatic Organism Passage	Bottomless Culvert	Ea	$4,459.89
396	Aquatic Organism Passage	Concrete Dam Removal	CuYd	$14.68
396	Aquatic Organism Passage	Low Water Crossing	CuYd	$66.06
396	Aquatic Organism Passage	CMP Culvert	Ea	$2,981.09
410	Grade Stabilization Structure	GSS xhigh cfs, xhigh fill	Ea	$2,961.30
410	Grade Stabilization Structure	GSS med cfs, lower fill	Ea	$360.95
410	Grade Stabilization Structure	GSS lower cfs, lower fill	Ea	$154.28
410	Grade Stabilization Structure	Check Dams	ton	$5.80
410	Grade Stabilization Structure	GSS lower cfs, med fill	Ea	$721.23
410	Grade Stabilization Structure	GSS higher cfs, lower fill	Ea	$528.75
410	Grade Stabilization Structure	GSS med cfs, higher fill	Ea	$1,628.58
410	Grade Stabilization Structure	GSS higher cfs, med fill	Ea	$1,033.17
410	Grade Stabilization Structure	GSS lower cfs, higher fill	Ea	$1,295.80
410	Grade Stabilization Structure	GSS med cfs, med fill	Ea	$881.31
410	Grade Stabilization Structure	GSS higher cfs, higher fill	Ea	$1,964.95
412	Grassed Waterway	Base Waterway	ac	$164.85
412	Grassed Waterway	Grass Waterway with Checks	ac	$248.37
422	Hedgerow	Wildlife, Trees - Shrubs only	ft	$0.10
422	Hedgerow	Wildlife - Trees-Shrubs-NWSG	ft	$0.12

Code	Practice	Component	Units	Unit Cost
422	Hedgerow	Pollinator Habitat	ft	$0.15
430	Irrigation Pipeline	PVC, Plastic Irrigation Pipe, 21in or Greater	ft	$3.72
430	Irrigation Pipeline	Steel, IPS, Stream or Road Crossing Sleeve	ft	$10.16
430	Irrigation Pipeline	PVC, Plastic Irrigation Pipe, 18in	ft	$3.02
430	Irrigation Pipeline	PVC, Plastic Irrigation Pipe, 15in	ft	$2.10
430	Irrigation Pipeline	PVC, Plastic Irrigation Pipe, less than or equal to 10in	ft	$0.71
430	Irrigation Pipeline	PVC, Iron Pipe Size, Less Than 2in Micro	ft	$0.49
430	Irrigation Pipeline	PVC, Iron Pipe Size, 2in - less than 4in Micro	ft	$0.59
430	Irrigation Pipeline	PVC, Iron Pipe Size, 4in - 6in Micro	ft	$0.80
430	Irrigation Pipeline	PVC, Plastic Irrigation Pipe, 12in	ft	$1.48
430	Irrigation Pipeline	PVC, Iron Pipe Size, 8in Micro	ft	$1.20
430	Irrigation Pipeline	Stand Pipe, Steel, IPS	ft	$32.55
441	Irrigation System, Microirrigation	Subsurface Drip Irrigation	ac	$192.41
441	Irrigation System, Microirrigation	Hoop House System	sq ft	$0.02
441	Irrigation System, Microirrigation	Microjet	ac	$297.53
441	Irrigation System, Microirrigation	Surface Tape > 5 acres	ac	$269.98
441	Irrigation System, Microirrigation	Surface PE Orchard or Vineyard	ac	$125.11
441	Irrigation System, Microirrigation	Surface Tape <5 acres	ac	$233.76
442	Sprinkler System	Traveling Gun System, greater than 3 inch Hose	Ea	$4,755.89
442	Sprinkler System	Renovation of Existing Sprinkler System- Alternating Drops	LnFt	$0.97
442	Sprinkler System	Solid Set System	ac	$493.08
442	Sprinkler System	Traveling Gun System, 2 to 3 inch Hose	Ea	$2,403.70
442	Sprinkler System	Center Pivot System	ft	$7.80
442	Sprinkler System	Traveling Gun System, less than 2 inch Hose	Ea	$1,225.73
443	Irrigation System, Surface and Subsurface	Poly Irrigation Tubing	ft	$0.05
443	Irrigation System, Surface and Subsurface	Surge Valve & Controller	In	$22.74
447	Irrigation System, Tailwater Recovery	Delta Tail Water Pit	CuYd	$0.17
449	Irrigation Water Management	IWM Device with Data Recorder_YR1	Ea	$199.22
449	Irrigation Water Management	Intermediate IWM 30 acres or less	ac	$3.86
449	Irrigation Water Management	Advanced IWM more than 30 acres	ac	$1.63
449	Irrigation Water Management	Basic IWM more than 30 acres	ac	$1.05

Code	Practice	Component	Units	Unit Cost
449	Irrigation Water Management	Advanced IWM 30 acres or less	ac	$4.82
449	Irrigation Water Management	IWM Device w. Telemetry_YR1	Ea	$225.60
449	Irrigation Water Management	Rice Intermittent Flood All Season	ac	$3.61
449	Irrigation Water Management	Early Dry Down	ac	$1.73
449	Irrigation Water Management	Basic IWM 30 acres or less	ac	$2.89
449	Irrigation Water Management	IWM Device_YR1	Ea	$117.54
449	Irrigation Water Management	Intermediate IWM more than 30 acres	ac	$1.34
462	Precision Land Forming	Low Shaping	ac	$21.10
472	Access Control	Cave Gate	sq ft	$8.19
484	Mulching	Natural Material - Full Coverage	ac	$52.73
484	Mulching	Synthetic Material	ac	$186.76
484	Mulching	Erosion Control Blanket	sq ft	$0.02
490	Tree/Shrub Site Preparation	Chemical - Aerial Application	ac	$9.80
490	Tree/Shrub Site Preparation	Chemical - Ground Band Spray	ac	$4.25
490	Tree/Shrub Site Preparation	Mechanical - Heavy, shearing and windrowing	ac	$45.72
490	Tree/Shrub Site Preparation	Chemical - Ground Application on Open Field	ac	$4.77
490	Tree/Shrub Site Preparation	Mechanical-Ripping/chopping	ac	$18.08
490	Tree/Shrub Site Preparation	Mechanical - Light, Mow/Disk	ac	$4.35
511	Forage Harvest Management	Perennial Crops - Delayed Mowing	ac	$2.08
512	Forage and Biomass Planting	Overseeding Legumes with low input	ac	$10.18
512	Forage and Biomass Planting	Native Perennial 2 or more species	ac	$42.23
512	Forage and Biomass Planting	Native Perennial Grass (1 species)	ac	$27.30
512	Forage and Biomass Planting	Introduced Cool Season Grasses	ac	$22.97
512	Forage and Biomass Planting	Native Perennial 2 or more species with Low Input	ac	$28.51
512	Forage and Biomass Planting	Sprigging	ac	$32.35
512	Forage and Biomass Planting	Overseeding Legumes	ac	$16.73
512	Forage and Biomass Planting	Introduced Warm Season Grasses	ac	$27.08
512	Forage and Biomass Planting	Introduced Warm Season Grasses with Low Input	ac	$13.37
528	Prescribed Grazing	Pasture Deferment - Long Term	ac	$7.78
528	Prescribed Grazing	PCS Moderate Mgmt (Year 1)	ac	$5.08
533	Pumping Plant	Pump without power unit, with L-pipe	BHP	$42.25

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	Internal Combustion-Powered Well Pump Greater than 70 HP, no L-pipe	BHP	$42.20
533	Pumping Plant	Electric-Powered Pump >30 hp <=75	HP	$34.06
533	Pumping Plant	Basic Pump Automation	Ea	$36.64
533	Pumping Plant	Electric-Powered Pump >5 HP<=30 hp	BHP	$52.60
533	Pumping Plant	Electric-Powered Pump >5 HP<=30 hp, with L-pipe	BHP	$88.17
533	Pumping Plant	PAM surface irrigation injector pump	Ea	$60.71
533	Pumping Plant	Intermediate Pump Automation	Ea	$305.36
533	Pumping Plant	Variable Frequency Drive	BHP	$24.77
533	Pumping Plant	Electric-Powered Pump >75 HP, with L-Pipe	BHP	$43.92
533	Pumping Plant	Electric-Powered Pump Less than or Equal to 5 HP , no pressure tank	BHP	$96.94
533	Pumping Plant	Internal Combustion-Powered Pump greater than 50 to 70 HP, with L-pipe	BHP	$71.49
533	Pumping Plant	Internal Combustion-Powered Pump greater than 70 HP, with L-pipe	BHP	$59.39
533	Pumping Plant	Internal Combustion-Powered Well Pump 50 HP and less, no L-pipe	BHP	$72.82
533	Pumping Plant	Internal Combustion-Powered Well Pump Greater than 50 to 70 HP, no L-pipe	BHP	$54.63
533	Pumping Plant	Electric-Powered Pump >75hp	BHP	$21.20
533	Pumping Plant	Pump Conversion to Low Pressure	Ea	$623.63
533	Pumping Plant	Electric-Powered Pump >30 hp <=75, with L-pipe	HP	$60.11
533	Pumping Plant	Tractor Power Take Off (PTO) Pump	BHP	$19.26
533	Pumping Plant	Photovoltaic-Powered Pump	BHP	$947.58
533	Pumping Plant	Electric-Powered Pump Less than or Equal to 5 HP, with pressure tank	BHP	$189.85
533	Pumping Plant	Internal Combustion-Powered Pump less than or equal to 50 HP with L-pipe	BHP	$96.64
554	Drainage Water Management	Drainage Water Management (DWM)	Ea	$8.64
561	Heavy Use Area Protection	Reinforced Concrete with sand or gravel foundation	sq ft	$0.38
561	Heavy Use Area Protection	Rock/Gravel on Geotextile, 6 inch thick	sq ft	$0.13
576	Livestock Shelter Structure	Portable Shade Structure	sq ft	$0.40
578	Stream Crossing	Hard armored low water crossing	sq ft	$0.45
578	Stream Crossing	Low water crossing using prefabricated products	sq ft	$0.72
578	Stream Crossing	Steam Crossing, Concrete Bottom	sq ft	$1.32
580	Streambank and Shoreline Protection	Structural, Standard	ft	$21.49
580	Streambank and Shoreline Protection	Structural, Site Specific	CuYd	$14.31
580	Streambank and Shoreline Protection	Vegetative with Willow Staking	ft	$1.99

Code	Practice	Component	Units	Unit Cost
580	Streambank and Shoreline Protection	Longitudinal Peak Stone Toe, 4 foot high or less	ft	$8.10
580	Streambank and Shoreline Protection	Longitudinal Peak Stone Toe, higher than 4 feet	ft	$23.36
587	Structure for Water Control	Inline Flashboard Riser, Metal	DiaInFt	$0.36
587	Structure for Water Control	Flap Gate	ft	$174.42
587	Structure for Water Control	Flow Meter with Mechanical Index	In	$20.44
587	Structure for Water Control	Flow Meter with Electronic Index & Telemetry	In	$54.02
587	Structure for Water Control	Slide Gate	ft	$202.17
587	Structure for Water Control	Fabricated Metal Water Control Structure	sq ft	$3.37
587	Structure for Water Control	Inlet Flashboard Riser, Metal	DiaInFt	$0.34
587	Structure for Water Control	Flow Meter with Electronic Index	In	$38.89
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	$1.57
590	Nutrient Management	Small Farm NM (Non-Organic/Organic)	Ea	$25.72
590	Nutrient Management	Basic NM (Non-Organic/Organic)	ac	$0.72
595	Integrated Pest Management	Advanced IPM S-Farm All RCs	Ea	$92.19
595	Integrated Pest Management	Advanced Field All RCs	ac	$2.80
595	Integrated Pest Management	IPM S-Farm >1RC	Ea	$61.46
595	Integrated Pest Management	IPM S-Farm 1RC	Ea	$47.57
595	Integrated Pest Management	Advanced IPM Fruit/Veg All RCs	ac	$15.37
595	Integrated Pest Management	Basic IPM Field >1RC	ac	$1.89
595	Integrated Pest Management	Basic IPM Fruit/Veg 1RC	ac	$7.83
595	Integrated Pest Management	Basic IPM Field 1RC	ac	$1.40
595	Integrated Pest Management	Basic IPM Fruit/Veg >1RC	ac	$10.06
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch	Lb	$0.80
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch	Lb	$1.00
612	Tree/Shrub Establishment	Shrub, bare root	Ea	$0.12
612	Tree/Shrub Establishment	Pine, containerized	Ea	$0.04
612	Tree/Shrub Establishment	Hardwood, bare root	Ea	$0.05
612	Tree/Shrub Establishment	Pine, Bare root	Ea	$0.02
614	Watering Facility	Permanent Drinking/Storage <500 Gallons	gal	$0.35
614	Watering Facility	Permanent Drinking/Storage 500-1000 Gallons	gal	$0.24
614	Watering Facility	Permanent Drinking/Storage Greater Than 5000 Gallons	gal	$0.07

Code	Practice	Component	Units	Unit Cost
614	Watering Facility	Fountain	Ea	$122.24
643	Restoration and Management of Rare and Declining Habitats	Rare or Declining Habitat Monitoring and Management, Medium Intensity and Complexity	ac	$1.12
643	Restoration and Management of Rare and Declining Habitats	Habitat Monitoring and Management, High Intensity and Complexity	ac	$2.08
644	Wetland Wildlife Habitat Management	Topographic Feature Creation, High	ac	$424.80
644	Wetland Wildlife Habitat Management	Close Risers by Nov.1-Feb.15	ac	$1.01
646	Shallow Water Development and Management	Shallow Water Management-High Level	ac	$8.85
646	Shallow Water Development and Management	Shallow Water Management - Low Level	ac	$1.90
647	Early Successional Habitat Development/Management	Disking	ac	$2.93
666	Forest Stand Improvement	Chemical, Aerial	ac	$9.64
666	Forest Stand Improvement	Mechanical, Heavy Equipment	ac	$33.79
666	Forest Stand Improvement	Mechanical, Medium Equipment	ac	$15.09
666	Forest Stand Improvement	Mechanical, Light Equipment	ac	$6.58
666	Forest Stand Improvement	Chemical-Ground-Heavy Equipment	ac	$17.68
666	Forest Stand Improvement	Single Stem - Chemical	ac	$19.32
666	Forest Stand Improvement	Single stem - Hand tools	ac	$20.13
666	Forest Stand Improvement	Chemical-Ground-Light Equipment	ac	$5.72
B000BFF1	Buffer Bundle#1	Buffer Bundle#1	ac	$864.96
B000BFF2	Buffer Bundle#2	Buffer Bundle#2	ac	$864.96
B000CPL1	Crop Bundle#1 - Precision Ag, No till	Crop Bundle#1 - Precision Ag, No till	ac	$40.02
B000CPL2	Crop Bundle#2 - Precision Ag, Reduced till	Crop Bundle#2 - Precision Ag, RT	ac	$40.02
B000CPL3	Crop Bundle#3 - Soil health rotation, No till	Crop Bundle#3 - Soil health rotation, NT	ac	$44.07
B000CPL4	Crop Bundle#4 - Soil health rotation, Reduced till	Crop Bundle#4 - SH rotation, RT	ac	$44.07
B000CPL5	Crop Bundle#5 - Soil Health Assessment, No till	Crop Bundle#5 - SH Assessment, NT	ac	$48.74
B000CPL6	Crop Bundle#6 - Soil Health Assessment, Reduced till	Crop Bundle#6 - SH Assessment, RT	ac	$48.74
B000CPL7	Crop Bundle#7 - Soil Health -'Organic'	Crop Bundle#7 - Soil Health -"Organic"	ac	$42.50
B000CPL8	Crop Bundle#8 - 'Organic', Water erosion	Crop Bundle#8 - "Organic", Water erosion	ac	$34.50
B000FST1	Forest Bundle#1	Forest Bundle#1	ac	$84.89
B000LLP1	Longleaf Pine Bundle#1	Longleaf Pine Bundle#1	ac	$96.45
B000LLP2	Longleaf Pine Bundle#2	Longleaf Pine Bundle#2	ac	$90.56
B000LLP4	Longleaf Pine Bundle #4	Longleaf Pine Bundle #4	ac	$458.89

Code	Practice	Component	Units	Unit Cost
B000LLP5	Longleaf Pine Bundle #5	Longleaf Pine Bundle #5	ac	$469.24
B000MRB1	MRBI Bundle#1 - Irrigated Cropland	MRBI Bundle#1 - Irrigated Cropland	ac	$67.76
B000MRB2	MRBI Bundle#2 - Non-Irrigated Crop#1	MRBI Bundle#2 - Non-Irrigated Crop#1	ac	$10.29
B000MRB3	MRBI Bundle#3 - Non-Irrigated Crop#2	MRBI Bundle#3 - Non-Irrigated Crop#2	ac	$13.88
B000MRB4	MRBI Bundle#4 - Crop w/ Water Bodies, NT	MRBI Bundle#4 - Crop w/ Water Bodies, NT	ac	$31.05
B000MRB5	MRBI Bundle#5 - Crop w/ Water Bodies, RT	MRBI Bundle#5 - Crop w/ Water Bodies, RT	ac	$28.44
B000MRB6	MRBI Bundle#6 - Pastureland	MRBI Bundle#6 - Pastureland	ac	$49.52
B000PST1	Pasture Bundle#1 - Organic	Pasture Bundle#1 - Organic	ac	$98.40
B000PST2	Pasture Bundle#2	Pasture Bundle#2	ac	$18.29
B000PST3	Pasture Bundle#3 -- Soil Health	Pasture Bundle#3 -- Soil Health	ac	$30.87
E314133Z	Brush management for improved structure and composition	Brush mgmt, improved structure and comp	ac	$14.34
E314134Z	Brush management that maintains or enhances wildlife or fish habitat	Brush mgmt, enhance habitat	ac	$14.34
E315132Z	Herbaceous weed control for desired plant communities/habitats consistent with the ecological site	Herbaceous weed control-habitats	ac	$13.12
E315133Z	Herbaceous weed control (inadequate structure and comp) for desired plant communities/habitats	Herbaceous weed control-communities	ac	$13.12
E315134Z	Herbaceous weed control (plant pest pressures) for desired plant communities/habitats	Herbaceous weed control-pest pressures	ac	$13.12
E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	Conservation cover-pollinator food	ac	$306.87
E327136Z2	Establish Monarch butterfly habitat	Establish monarch butterfly habitat	ac	$2,329.31
E327137Z	Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects	Conservation cover-pollinator shelter	ac	$306.87
E327139Z	Conservation cover to provide habitat continuity for pollinators and beneficial insects	Conservation cover-habitat continuity	ac	$306.87
E328101I	Improved resource conserving crop rotation to reduce water erosion	IRCCR water erosion	ac	$4.21
E328101R	Resource conserving crop rotation to reduce water erosion	RCCR water erosion	ac	$11.79
E328101Z	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	CRP trans crop rotation-water erosion	ac	$2.53
E328106I	Improved resource conserving crop rotation for soil organic matter improvement	IRCCR for SOM improvement	ac	$4.21
E328106R	Resource conserving crop rotation for soil organic matter improvement	RCCR for SOM improvement	ac	$11.79
E328106Z1	Soil health crop rotation	Soil health crop rotation	ac	$4.21

Code	Practice	Component	Units	Unit Cost
E328106Z2	Modifications to improve soil health and increase soil organic matter	Mod to improve SH and SOM	ac	$8.27
E328106Z3	Conservation crop rotation on recently converted CRP grass/legume cover for SOM improvement	CRP trans crop rotation-SOM	ac	$4.21
E328107I	Improved resource conserving crop rotation to improve soil compaction	IRCCR to improve soil compaction	ac	$4.21
E328107R	Resource conserving crop rotation to improve soil compaction	RCCR to improve soil compaction	ac	$11.79
E328134I	Improved resource conserving crop rotation to relieve plant pest pressure	IRCCR to relieve plant pest pressure	ac	$4.21
E328134R	Resource conserving crop rotation to relieve plant pest pressure	RCCR to relieve plant pest pressure	ac	$11.79
E328136Z	Leave standing grain crops unharvested to benefit wildlife food sources	Leave standing grain crops for food	ac	$4.06
E328137Z	Leave standing grain crops unharvested to benefit wildlife cover and shelter	Leave standing grain crops for shelter	ac	$4.06
E329101Z	No till to reduce water erosion	No till to reduce water erosion	ac	$2.53
E329106Z	No till system to increase soil health and soil organic matter content	No till system to increase SH and SOM	ac	$3.37
E329114Z	No till to increase plant-available moisture: irrigation water	No till for IWM	ac	$2.53
E329115Z	No till to increase plant-available moisture: moisture management	No till for moisture mgmt	ac	$2.53
E329144Z	No till to reduce energy	No till to reduce energy	ac	$3.37
E338136Z	Short-interval burns to promote a healthy herbaceous plant community for wildlife food	Short-interval burns to promote a healthy herbaceous plant community for wildlife food	ac	$85.03
E338137Z1	Sequential patch burning	Sequential patch burning	ac	$144.23
E338137Z2	Short-interval burn	Short-interval burn	ac	$41.50
E338140Z	Short-interval prescribed burning to promote a healthy herbaceous plant community	Short-interval prescribed burning	ac	$82.92
E340101Z	Cover crop to reduce water erosion	Cover crop to reduce water erosion	ac	$7.86
E340106Z1	Intensive cover cropping to increase soil health and soil organic matter content	Cover cropping for SH and SOM	ac	$12.12
E340106Z2	Use of multi-species cover crops to improve soil health and increase soil organic matter	Multi-species cover crops	ac	$12.14
E340106Z3	Intensive cover cropping (orchard/vineyard floor) to increase soil health and SOM content	Cover cropping for orchards/vineyards	ac	$10.99
E340106Z4	Use of SHA to assist with development of cover crop mix to improve soil health and increase SOM	Soil health assessment	ac	$14.45
E340107Z	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	ac	$10.71
E340118Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface water	Cover crop for WQ nutrients-runoff	ac	$10.71

Code	Practice	Component	Units	Unit Cost
E340119Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground water	Cover crops for WQ nutrients-drainage	ac	$10.71
E340134Z	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crops for suppression	ac	$10.99
E345101Z	Reduced tillage to reduce water erosion	Reduced tillage to reduce water erosion	ac	$3.37
E345106Z	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage for SH and SOM	ac	$3.37
E345114Z	Reduced tillage to increase plant-available moisture: irrigation water	Reduced tillage for IWM	ac	$2.53
E345115Z	Reduced tillage to increase plant-available moisture: moisture management	Reduced tillage for moisture mgmt	ac	$2.53
E345128Z	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce PM	ac	$2.53
E345144Z	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	ac	$2.53
E374144Z1	Install variable frequency drive(s) on pump(s)	Variable frequency drives	BHP	$247.72
E374144Z2	Switch fuel source for pump motor(s)	Switch fuel source for pump motor(s)	HP	$7,893.04
E376128Z	Modify field operations to reduce particulate matter	Mod field ops to reduce PM	ac	$2.53
E382136Z	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Wildlife friendly fence for food access	ft	$0.15
E386101Z	Enhanced field borders to reduce water induced erosion along the edge(s) of a field	Field borders to reduce water erosion	ac	$633.38
E386106Z	Enhanced field borders to increase carbon storage along the edge(s) of the field	Field borders to increase carbon storage	ac	$633.38
E386136Z	Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field	Field border to provide wildlife food	ac	$633.38
E386137Z	Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field	Field border to provide wildlife cover	ac	$633.38
E386139Z	Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	Field border to provide continuity	ac	$633.38
E390118Z	Increase riparian herbaceous cover width for nutrient reduction	Riparian herbaceous cover-nut reduction	ac	$493.18
E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	Riparian herbaceous cover-sed loading	ac	$493.18
E390136Z	Increase riparian herbaceous cover width to enhance wildlife habitat	Riparian herbaceous cover-habitat	ac	$717.87
E391118Z	Increase riparian forest buffer width for nutrient reduction	Riparian forest buffer-nut reduction	ac	$1,477.97
E391126Z	Increase riparian forest buffer width to reduce sediment loading	Riparian forest buffer-sed loading	ac	$1,496.97
E391127Z	Increase stream shading for stream temperature reduction	Shade stream to reduce temp	ac	$1,496.97
E391136Z	Increase riparian forest buffer width to enhance wildlife habitat	Riparian forest buffer-habitat	ac	$1,496.97
E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	Extend filter strips- nut runoff	ac	$801.74

Code	Practice	Component	Units	Unit Cost
E393122Z	Extend existing filter strip to reduce excess pathogens and chemicals in surface water	Extend filter strips-pathogen runoff	ac	$801.74
E393126Z	Extend existing filter strip to reduce excess sediment in surface water	Extend filter strips-sediment	ac	$801.74
E449114Z5	Complete pumping plant evaluation for all existing pumps on a farm.	Pumping Plant Evaluation	ac	$4.66
E449114Z6	Automated Intermittent flood irrigation of rice fields, Year 2-5	Automated Intermittent flood irrigation of rice fields, Year 2-5	ac	$24.43
E449114Z7	Advanced Automated IWM - Year 2-5, Soil moisture is monitored, recorded and used in decision making	Advanced Automated IWM - Year 2-5, soil moisture monitoring	ac	$15.71
E449114Z8	Advanced Automated IWM - Year 1 - Equipment and soil moisture is monitored, recorded and used in dec	Advanced Automated IWM - Year 1 Equipment and soil moisture monitoring	ac	$55.06
E472118Z	Manage livestock access to streams/ditches/other waterbodies to reduce nutrients in surface water	Livestock access to waterbody-nutrients	ft	$2.19
E484106Z	Mulching to improve soil health	Mulching to improve soil health	ac	$1.68
E511137Z1	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest using wildlife friendly methods	ac	$3.30
E511137Z2	Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter)	FHM for cover and shelter	ac	$4.60
E511139Z2	Forage harvest management that helps maintain wildlife habitat continuity (space)	FHM for habitat space continuity	ac	$3.30
E512101Z2	Forage and biomass planting for water erosion to improve soil health	Forage planting for SH	ac	$14.41
E512106Z2	Forage plantings that can help increase organic matter in depleted soils	Forage planting for SOM	ac	$14.54
E512132Z1	Forage and biomass planting that produces feedstock for biofuels or energy production	Forage planting for feedstocks	ac	$35.90
E512132Z2	Native grasses or legumes in forage base to improve plant productivity and health	Native grasses/legumes-plant health	ac	$21.51
E512133Z1	Native grasses or legumes in forage base to improve plant community structure and composition	Native grasses/legumes-structure/comp	ac	$54.99
E512133Z2	Forage plantings that enhance bird habitat (structure and composition)	Forage planting for structure/comp	ac	$74.29
E512136Z1	Establish pollinator and/or beneficial insect food habitat	Establish pollinator habitat-food	ac	$57.47
E512136Z2	Native grass or legumes in forage base to provide wildlife food	Native grasses/legumes-wildlife food	ac	$57.47
E512137Z	Forage plantings that enhance bird habitat (cover and shelter)	Forage planting for cover and shelter	ac	$74.29
E512138Z	Establish wildlife corridors to enhance access to water	Corridors for water access	ac	$26.28
E512139Z1	Establish wildlife corridors to provide habitat continuity	Corridors for habitat continuity	ac	$25.17
E512139Z2	Establish pollinator and/or beneficial insect habitat continuity (space)	Establish pollinator habitat-space	ac	$58.31

Code	Practice	Component	Units	Unit Cost
E512139Z3	Establish Monarch butterfly habitat in pastures	Establish Monarch Butterfly Habitat in pastures	ac	$58.31
E512140Z	Native grasses or legumes in forage base	Native grasses or legumes in forage base	ac	$54.03
E528104Z	Grazing management that protects sensitive areas from gully erosion	Grazing mgmt-sensitive areas-erosion	ac	$1.53
E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing-erosion	ac	$8.71
E528118Z1	Prescribed grazing that maintains/improves riparian/watershed function impairment from nutrients	Prescribed grazing-nut runoff	ac	$14.56
E528119Z	Grazing management that protects sensitive areas-ground water from nutrients	Grazing mgmt-sensitive area-nut sub water	ac	$1.68
E528122Z	Prescribed grazing that maintains/improves riparian/watershed function-pathogens/chemicals	Prescribed grazing-pathogens	ac	$14.56
E528126Z	Prescribed grazing that maintains/improves riparian/watershed function-min sediment in surface water	Prescribed grazing-sediment	ac	$12.87
E528133Z1	Stockpiling cool season forage to improve structure and composition.	Stockpile cool season forage-structure	ac	$21.79
E528133Z2	Grazing management for improving quantity/quality of plant structure/composition for wildlife	Grazing mgmt-structure for wildlife	ac	$2.90
E528136Z1	Grazing management for improving quantity and quality of food for wildlife	Grazing mgmt-food	ac	$0.43
E528137Z1	Grazing management for improving quantity and quality of cover and shelter for wildlife	Grazing mgmt-shelter	ac	$0.43
E528137Z2	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-cover/shelter	Add wildlife refuge area-shelter	ac	$15.41
E528138Z	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-water access	Add wildlife refuge area-water	ac	$15.41
E528140Z1	Maintaining quantity and quality of forage for animal health and productivity	Maintain forage quantity and quality	ac	$3.39
E554118Z1	Installation of end of pipe or ditch treatment for phosphorus	Installation of treatment for P	Ea	$7,006.80
E554118Z2	Installation of a saturated buffer drain outlet	Installation of a vegetated outlet	ac	$3,539.53
E554138X	Extend the periods of soil saturation or shallow ponding for wildlife	Extend saturation/ponding period	ac	$7.53
E578139X	Stream crossing elimination	Stream crossing elimination	Ea	$7,484.26
E580105Z	Stream corridor bank stability improvement	Stream bank stability improvement	ac	$1,763.51
E580137Z	Stream corridor bank vegetation improvement	Stream corridor bank veg improvement	ac	$1,763.51
E590118X	Reduce risks of nutrient losses to surface water by utilizing precision ag technologies	Precision ag for nut reduction	ac	$16.04
E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	Nut mgmt for surface water	ac	$10.51

Code	Practice	Component	Units	Unit Cost
E590119X	Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies to p	Prec Ag reduce nut in groundwater	ac	$16.04
E590119Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	Nut mgmt for groundwater	ac	$10.51
E590130Z	Improving nutrient uptake efficiency and reducing risks to air quality - emissions of GHGs	Nut mgmt for GHGs	ac	$10.51
E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Pest mgmt for surface water	ac	$12.48
E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	IPM PAMS techniques	ac	$5.26
E595116Z2	Reducing routine neonicotinoid seed treatments on corn and soybean crops.	Reducing routine seed treatments	ac	$4.21
E595129Z	Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques	IPM PAMS techniques for ozone reduction	ac	$5.26
E612130Z	Planting for high carbon sequestration rate	Planting for high carbon sequestration	ac	$605.94
E612132Z	Establishing tree/shrub species to restore native plant communities	Tree/shrubs-restore native communities	ac	$624.57
E612133X1	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs	ac	$143.36
E612133X2	Cultural plantings	Cultural plantings	ac	$1,058.66
E612136Z	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	ac	$1,117.93
E612137Z	Tree/shrub planting for wildlife cover	Tree/shrub planting for wildlife cover	ac	$1,117.93
E643139X	Creating native plant refugia	Creating native plant refugia	ft	$7.57
E644136Z	Managing Flood-Irrigated Landscapes for Wildlife	Manage flood irrigated landscape for wildlife food	ac	$20.74
E646136Z1	Close structures to capture/retain rainfall to improve food for waterfowl/wading birds during winter	Close structures to improve food	ac	$23.37
E646136Z2	Extend retention of rainfall to provide food for late winter habitat	Extend retention - food	ac	$27.45
E646136Z3	Shorebird habitat, late season shallow water with manipulation to improve food sources	Late season shallow water - food	ac	$49.15
E646136Z4	Shorebird habitat, extended late season shallow water with manipulation to improve food sources	Extended late season shallow water-food	ac	$54.29
E646137X	Renovate small, shallow pothole and playa sites which may seasonally hold water	Shallow water development and management	ac	$1,624.17
E646137Z1	Close structures to capture and retain rainfall to improve cover and shelter for birds during winter	Close structures during winter.	ac	$23.37
E646137Z2	Extend retention of captured rainfall to provide late winter water habitat	Extend retention-cover and shelter	ac	$27.45
E646137Z3	Shorebird habitat, late season shallow water with manipulation to improve cover and shelter	Late season shallow water - cover	ac	$49.15

Code	Practice	Component	Units	Unit Cost
E646137Z4	Extended late season shallow water with manipulation to improve cover and shelter	Extended late season shallow water-cover	ac	$54.29
E646138Z1	Close structures to capture and retain rainfall to provide water for birds during winter	Close structures to provide water	ac	$23.37
E646138Z2	Extend retention of captured rainfall to provide late winter water habitat	Extend winter water habitat	ac	$27.45
E646138Z3	Shorebird habitat, late season shallow water with manipulation	Late season shallow water	ac	$49.15
E646138Z4	Shorebird habitat, extended late season shallow water with manipulation	Extended late season shallow water	ac	$54.29
E646139Z1	Close structures to capture and retain rainfall for birds to improve habitat continuity	Close structures - habitat continuity	ac	$23.37
E646139Z2	Extend retention of captured rainfall to provide habitat continuity during late winter	Extend retention - habitat continuity	ac	$27.45
E646139Z3	Shorebird habitat, late season shallow water with manipulation to enhance habitat continuity	Late season shallow water-continuity	ac	$49.15
E646139Z4	Shorebird habitat, extended late season shallow water with manipulation - habitat continuity	Extended late season water-continuity	ac	$54.29
E647136Z1	Manipulate vegetation on fields where rainfall is to be captured and retained-food	Manipulate veg for food	ac	$23.07
E647136Z3	Establish and maintenance of moist soil vegetation on cropland edges to increase wildlife food	Moist soil vegetation-food	ac	$11.35
E647137Z1	Manipulate vegetation on fields where rainfall is to be captured and retained-cover/shelter	Manipulate veg for cover/shelter	ac	$23.07
E647137Z2	Establish and maintenance of moist soil vegetation on cropland edges to increase cover/shelter	Moist soil vegetation-cover/shelter	ac	$11.35
E647139Z1	Establish/maintain habitat continuity, naturally occurring vegetation in ditches/ditch bank borders	Naturally occurring veg in ditches	ac	$11.35
E666106Z1	Implementing sustainable practices for pine straw raking	Sustainable pine straw raking	ac	$149.87
E666106Z2	Maintaining and improving forest soil quality	Maintain/improve forest SQ	ac	$36.02
E666107Z	Maintaining and improving forest soil quality by limiting compaction	Maintain/imrove forest compaction	ac	$36.02
E666115Z1	Converting loblolly and slash pine plantations to longleaf pine to retain soil moisture	Convert to longleaf pine-soil moisture	ac	$110.12
E666115Z2	Enhance development of the forest understory to improve site moisture	Forest understory to improve moisture	ac	$231.86
E666118Z	Enhance development of the forest understory to capture nutrients in surface water	Understory-nutrients in surface water	ac	$231.86

Code	Practice	Component	Units	Unit Cost
E666119Z	Enhance development of the forest understory to capture nutrients -ground water	Understory-nutrients in ground water	ac	$231.86
E666130Z	Increase on-site carbon storage	Increase on-site carbon storage	ac	$10.94
E666132Z1	Crop tree management for mast production	Crop tree management for mast production	ac	$329.13
E666132Z2	Reduce forest stand density to improve a degraded plant community	Forest density-degraded plant community	ac	$266.63
E666133X	Forest Stand Improvement to rehabilitate degraded hardwood stands	FSI-structure/composition in hardwoods	ac	$485.39
E666133Z1	Creating structural diversity with patch openings	Structural diversity with patch openings	ac	$424.57
E666133Z2	Converting loblolly and slash pine plantations to longleaf pine with FSI and prescribed burning	Convert to longleaf pine-FSI and burning	ac	$110.12
E666134Z	Enhance development of the forest understory to create conditions resistant to pests	Forest understory-resistant to pests	ac	$231.86
E666135Z1	Reduce height of the forest understory to limit wildfire risk	Forest understory-limit wildfire risk	ac	$231.86
E666135Z2	Reduce forest density and manage understory along roads to limit wildfire risk	Manage understory-limit wildfire risk	ac	$263.01
E666136Z1	Reduce forest density and manage understory along roads to improve wildlife food sources	Manage understory-wildlife food sources	ac	$263.01
E666136Z2	Reduce forest stand density to improve wildlife food sources	Stand density-wildlife food sources	ac	$266.63
E666136Z3	Create patch openings to enhance wildlife food sources and availability	Patch openings-food and availability	ac	$266.69
E666137Z1	Snags, den trees, and coarse woody debris for wildlife habitat	Snags and den trees for wildlife	ac	$46.03
E666137Z2	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for bats	ac	$188.65
E666137Z3	Increase diversity in pine plantation monocultures	Improve pine plantation diversity	ac	$424.57
E666137Z4	Converting loblolly and slash pine plantations to longleaf pine to enhance wildlife habitat	Convert to longleaf pine-habitat	ac	$110.12
E666137Z5	Implementing sustainable practices for pine straw raking to enhance wildlife habitat	Sustainable pine straw raking-habitat	ac	$149.87
E666137Z6	Create patch openings to enhance wildlife cover and shelter	Patch openings-cover and shelter	ac	$266.69
E666137Z7	Enhance development of the forest understory to provide wildlife cover and shelter	Understory to provide cover/shelter	ac	$231.86